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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
				Application Number	
				Filing Date	
				First Named Inventor	
				Group Art Unit	
				Examiner Name	
Sheet	1	of	5	Attorney Docket Number	PF106P3D1

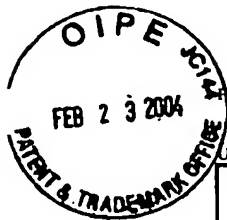
U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
SR	A1	08/154,792		KOLODNER ET AL. Priority Document -WO95/14085	11/17/1993	
	A2	08/163,449		KOLODNER ET AL. Priority Document - WO95/14085	12/07/1993	
	A3	08/259,310		KOLODNER ET AL. Priority Document -WO95/14085	02/22/1995	
	A4	08/352,902		LISKAY ET AL. Priority Document -WO95/16793	12/09/1994	
	A5	08/209,521		LISKAY ET AL. Priority Document -WO95/16793	03/08/1994	
	A6	08/168,877		LISKAY ET AL. Priority Document -WO95/16793	12/17/1993	
	A7	09/912,292		ROSEN ET AL	NOT PUBLISHED	pages 1-75 (pages 1 & 2 partially redacted); portion of Table 2; and SEQ ID NO: 25164
	A8	09/912,293		ROSEN ET AL	NOT PUBLISHED	pages 1-75 (pages 1 & 2 partially redacted); portion of Table 2; and SEQ ID NOS: 56075, 83809, and 103730
	A9	4,737,454		DATTAGUPTA ET AL.	04/12/1988	
	A10	5,124,443		COLELLA ET AL.	06/23/1992	
	A11	5,922,855		LISKAY ET AL.	07/13/1999	
	A12	6,191,268	B1	LISKAY ET AL.	02/20/2001	
	A13	6,380,369		ADAMS ET AL.	04/30/2002	
	A14	6,165,713		LISKAY ET AL.	12/26/2000	
	A15	6,416,984		HASELTINE ET AL.	07/09/2002	

Examiner Signature		Date Considered	10/15/05
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¹ Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

² Unique citation designation number. ³ See attached Kinds of U.S. Patent Documents. ⁴ Enter Office that issued the document, by the two-letter code (WIP Standard ST.3). ⁵ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁶ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁷ Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
				Application Number	10/079,429
				Filing Date	February 22, 2002
				First Named Inventor	Haseltine et al.
				Group Art Unit	1652
Examiner Name	Nashed, N.T.				
Sheet	2	of	5	Attorney Docket Number	PF106P3D1

FOREIGN PATENT DOCUMENTS								
Examiner Initials ¹	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
S12	A16	WO	95/14085	A2	DANA-FARBER CANCER INSTITUTE	05/26/1995		
	A17	WO	95/14772	A1	MATSUBARA, K. and OKUBO, K.	06/01/1995	Abstract and SEQ ID Nos. 265 and 1856	
	A18	WO	95/15381	A2	THE JOHN HOPKINS UNIVERSITY	06/08/1995		
	A19	WO	95/16793	A1	OREGON HEALTH SCIENCES	06/22/1995		

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				Attorney Docket Number	PF106P3D1

OTHER REFERENCES - NON PATENT LITERATURE DOCUMENTS					
Examiner Initials [*]	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ²
SR	A20	GenBank Accession No. D12046, (12/02/1992).			
	A21	GenBank Accession No. Z24775, (08/02/1993).			
	A22	GenBank Accession No. Z36291, (08/15/1994).			
	A23	Geneseq Accession No. AAT29623, (04/30/1996).			
	A24	Geneseq Accession No. AAT29624, (04/30/1996).			
	A25	Geneseq Accession No. AAT29625, (04/30/1996).			
	A26	Geneseq Accession No. AAT29626, (04/30/1996).			
	A27	Geneseq Accession No. AAT29627, (04/30/1996).			
	A28	Geneseq Accession No. AAT29628, (04/30/1996).			
	A29	Baker et al., Male mice defective in the DNA mismatch repair gene PMS2 exhibit abnormal chromosome synapsis in meiosis, <i>Cell</i> , 82:309-319 (1995).			
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	A31	Green et al., Systematic Generation of Sequence-Tagged Sites for Physical Mapping of Human Chromosomes: Application to the Mapping of Human Chromosome 7 Using Yeast Artificial Chromosomes, <i>Genomics</i> , 11:548-564 (1991).			
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	A36	Leach F. S. et al., Mutations of a <i>mutS</i> Homolog in Hereditary Nonpolyposis Colorectal Cancer, <i>Cell</i> , 75:1215-1225 (1993).			
	A37	Lindblom et al., Genetic mapping of a second locus predisposing to hereditary non-polyposis colon cancer, <i>Nature Genetics</i> , 5:279-282 (1993).			
	A38	New et al., The yeast gene <i>MSH3</i> defines a new class of eukaryotic MutS homologues, <i>Mol. Gen. Genet.</i> 239:97-108 (1993).			
↓	A39	Nicolaidis et al., Mutations of two <i>PMS</i> homologues in hereditary Nonpolyposis colon-cancer, <i>Nature</i> , 371:75-80 (1994).			

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			Filing Date	February 22, 2002	
			First Named Inventor	Haseltine et al.	
			Group Art Unit	1652	
Examiner Name	Nashed, N.T.				
Sheet	4	of	5	Attorney Docket Number	PF106P3D1

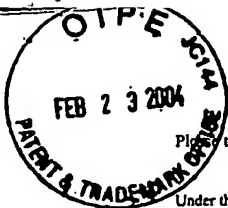
OTHER REFERENCES - NON PATENT LITERATURE DOCUMENTS			
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SR	A40	Nyström-Lahti, Mismatch Repair Genes on Chromosomes 2p and 3p Account for a Major Share of Hereditary Nonpolyposis Colorectal Cancer Families Evaluable by Linkage, <i>American Journal of Human Genetics</i> , 55:659-665 (1994).	
	A41	Okubo et al., Large Scale cDNA sequencing for analysis of quantitative and qualitative aspects of gene expression, <i>Nature Genetics</i> , 2:173-179 (1992).	
	A42	Papadopoulos et al., Mutation of a <i>mutL</i> Homolog in Hereditary Colon Cancer, <i>Science</i> , 263:1625-1629 (1994).	
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	A47	Bronner et al., Mutation in the DNA mismatch repair gene homologue <i>hMLH1</i> is associated with the hereditary non-polyposis colon cancer, <i>Nature</i> , 368:258-261 (1994).	
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	A54	Strand, M, (1993) Destabilization of tracts of simple repetitive DNA in yeast by mutations affecting DNA mismatch repair. <i>Nature</i> . 365:274-6.	
	A55	KUNKEL et al., "Slippery DNA and diseases," <i>Nature</i> , 365:207-208 (1993).	
✓	A56	PARSONS et al., "Hypermutability and Mismatch Repair Deficiency in RER ⁺ Tumor Cells," <i>Cell</i> , 75:1227-1236 (1993).	

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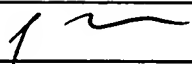
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SR	A57	Strand, M, (1994) Destabilization of tracts of simple repetitive DNA in yeast by mutations affecting DNA mismatch repair. <i>Nature</i> . 368:569.			

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